

DECLARATION FOR PATENT APPLICATION

As a below-named inventor, I hereby declare that:

My residence, post office address and citizenship is as stated below next to my name.

I believe that I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled ALPHA-GALACTOSIDASE, the specification of which

_____ is attached hereto.

X was filed on July 19, 2000 (Attorney Docket No. DIVER1120-3)
as U.S. Application Serial No. _____
and was amended on _____
if applicable (the "Application").

I hereby authorize and request insertion of the application serial number of the Application when officially known.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose to the United States Patent and Trademark Office all information known to me to be material to patentability of the subject matter of the Application as defined in Title 37, Code of Federal Regulations ("C.F.R."), § 1.56.

In re Application of
Murphy and Reid
Application Serial No.
Filed: July 19, 2000

PATENT
Attorney Docket No. DIVER1120-3

With respect to the Application, I hereby claim the benefit under 35 U.S.C. Section 120 of any United States application(s), or Section 365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of the application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 U.S.C. Section 112, I acknowledge the duty to disclose to the United States Patent and Trademark Office all information known to me to be material to patentability of the subject matter of the Application as defined in Title 37, C.F.R., Section 1.56 which became available between the filing date of the prior application and the national or PCT International filing date of the Application:

<u>09/407,806</u> (Application Serial No.)	<u>September 28, 1999</u> (Filing Date)	<u>Pending</u> (Status)
<u>08/613,220</u> (Application Serial No.)	<u>March 8, 1996</u> (Filing Date)	<u>Issued September 28, 1999 as</u> <u>U.S. Patent No. 5,958,751</u>

I hereby claim foreign priority benefits under Title 35, United States Code, § 119 of any foreign application(s) for patent or inventor's certificate or of any PCT international application(s) designating at least one country other than the United States of America listed below and have also identified below any foreign application for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed:

COUNTRY	APPLICATION NO.	FILING DATE	PRIORITY CLAIMED	
_____	_____	_____	<input type="checkbox"/> Yes	<input type="checkbox"/> No

09619032-071900

In re Application of
Murphy and Reid
Application Serial No.
Filed: July 19, 2000

PATENT
Attorney Docket No. DIVER1120-3

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of first inventor: **Dennis Murphy**

Inventor's signature: _____

Date: _____

Residence: Paoli, PA 19301

Citizenship: United States

Post Office Address: 10 Fairway Road

Paoli, PA 19301

Full name of second inventor: **John Reid**

Inventor's signature: _____

Date: _____

Residence: Bryn Mawr, PA 19010

Citizenship: United States

Post Office Address: 922 Montgomery Ave., Apt. J-2

Bryn Mawr, PA 19010

09619032-071900

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Murphy and Reid

Art Unit: Unassigned

Serial No.:

Examiner Unassigned

Filed: July 19, 2000

Title: ALPHA-GALACTOSIDASE

Assistant Commissioner for Patents
Washington, D.C. 20231

REVOCATION OF POWERS OF ATTORNEY;
POWER OF ATTORNEY BY ASSIGNEE AND CHANGE OF ADDRESS

Sir:

DIVERSA CORPORATION, a Delaware corporation, the assignee of the entire right, title and interest in the above-identified application hereby revokes all previous Powers of Attorney and appoints the following attorneys to prosecute the above-identified patent application and to transact all business in the Patent and Trademark Office connected therewith:

006T20"2E06T960

In re Application of Murphy and Reid
Application Serial No.:
Filed: July 19, 2000
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PATENT
Attorney Docket No.: DIVER1120-3

JOSEPH R. BAKER
TIM ELLIS
LISA A. HAILE
WILLIAM N. HULSEY, III
RICHARD J. IMBRA
SHEILA R. KIRSCHENBAUM
JUNE M. LEARN
TIMOTHY W. LOHSE
TERRANCE A. MEADOR
JOHN OSKOREP
STEPHEN E. REITER
STEVEN R. SPRINKLE
RAMSEY R. STEWART
DAVID R. STEVENS
BARRY N. YOUNG

Registration No. 40,900
Registration No. 41,734
Registration No. 38,347
Registration No. 33,402
Registration No. 37,643
Registration No. 44,835
Registration No. 31,238
Registration No. 35,255
Registration No. 30,298
Registration No. 41,234
Registration No. 31,192
Registration No. 40,825
Registration No. 38,322
Registration No. 38,626
Registration No. 27,744

We hereby state that we have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment(s) referred to above.

We authorize and request insertion of the serial number of this application when officially known.

We acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, Section 1.56(a).

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In re Application of Murphy and Reid
Application Serial No.:
Filed: July 19, 2000
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PATENT
Attorney Docket No.: DIVER1120-3

Direct all telephone calls and correspondence to:

LISA A. HAILE, Ph.D.
GRAY CARY WARE & FREIDENRICH LLP
4365 Executive Drive, Suite 1600
San Diego, CA 92121
Direct Line: (858) 677-1456
Facsimile: (858) 677-1465

DIVERSA CORPORATION
a Delaware corporation

By: _____
Name: Carolyn Erickson
Title: Vice President, Intellectual Property
Date: _____

00619032-071900

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Murphy, D. *et al.*
Serial No.: 08/613,220
Filed: 3/8/96
Title: ALPHA-GALACTOSIDASE

Art Unit: 1814
Examiner: Hendricks, K.

Assistant Commissioner for Patents
Washington, DC 20231

REVOCATION AND NEW POWER OF ATTORNEY

Under 37 CFR §3.73(b) RECOMBINANT BIOCATALYSIS, INC., a Delaware corporation, certifies that it is the assignee of 100% of the right, title and interest in the patent application identified above by virtue of an assignment from the inventors of the patent application identified above. The assignment was recorded in the Patent and Trademark Office at Reel 8103, Frames 0390-0393, on July 18, 1996.

The undersigned has reviewed all the documents in the chain of title of the patent application identified above and, to the best of undersigned's knowledge and belief, title is in the assignee identified above.

The undersigned, whose title is supplied below, is empowered to act on behalf of the assignee.

Date of Deposit 6-13-97
I hereby certify under 37 CFR 1.8(a) that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage on the date indicated above and is addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.

Stephanie Sharrett
Stephanie Sharrett

09619032-071900

The undersigned, acting on behalf of the assignee, hereby revokes all powers of attorney previously granted in the application and appoints: John R. Wetherell, Jr., Ph.D. (Reg. No. 31,678); Lisa A. Haile (Reg. No. 38,347); Stacy L. Taylor (Reg. No. 34,842); John Land (Reg. No. 29,554), and June M. Learn (Reg. No. 31,238), of the firm of FISH & RICHARDSON P.C., as its attorneys with full power of substitution and revocation, to prosecute the application and to transact all business in the United States Patent and Trademark Office connected therewith.

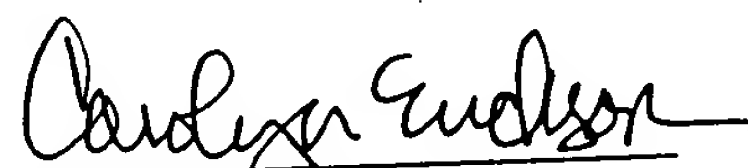
Please direct all telephone calls to John R. Wetherell at (619) 678-5070 and all correspondence relative to said application to the following address:

John R. Wetherell, Jr., Ph.D.
FISH & RICHARDSON, P.C.
4225 Executive Square, Suite 1400
La Jolla, California 92037
(619) 678-5099 (Facsimile)

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patents issued thereon.

Respectfully submitted,

Date: 5-17-97



Carolyn Erickson
Manager, Business Development and
Regulatory Affairs
RECOMBINANT BIOCATALYSIS, INC.

DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

ALPHA-GALACTOSIDASE

the specification of which [X] is attached hereto or [] was filed on _____ as Application Serial No. _____ and was amended on _____ (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the patentability of this application in accordance with Title 37, Code of Federal Regulations, Section 1.56(a).

I hereby claim foreign priority benefits under Title 35, United States Code, Section 119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed. Prior Foreign Application(s):

Priority Claimed

Yes No
[] []

(Day/Month/Year Filed)

(Country)

(Number)

I hereby claim the benefit under Title 35, United States Code, Section 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, Section 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, Section 1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

Pending
(Status - patented, pending, abandoned)

(Status - patented, pending, abandoned)

(Application Serial No.)

(Filing Date)

(Application Serial No.)

(Filing Date)

I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith: John N. Bain (Reg. No. 18,651); John G. Gillilan, III (Reg. No. 22,746); Elliot M. Olstein (Reg. No. 24,025); Raymond J. Lillie (Reg. No. 31,778); Charles J. Herron (Reg. No. 28,019); William Squire (Reg. No. 25,378); Kenneth S. Weitzman (Reg. No. 36,306); and Gregory Ferraro (Reg. No. 36,134). Address correspondence and telephone calls to Charles J. Herron c/o Carella, Byrne, Bain, Gillilan, Cecchi, Stewart & Olstein, 6 Becker Farm Road, Roseland, NJ 07068 - (201) 994-1700.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of inventor: Dennis Murphy

Inventor's signature: Dennis J. Murphy

Residence: 10 Fairway Road, Paoli, PA 19301

Post Office Address: same

Date: Mar 5, 1996

Citizenship: United States

Full name of inventor: John Reid

Inventor's signature: John C. Reid

Residence: 922 Montgomery Avenue Apt. J-2, Bryn Mawr, PA 19010

Post Office Address: same

Date: Mar 6, 1996

Citizenship: United States